IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**PATENT** 

Application of:

Graves et al.

Group Art Unit: 2721

Serial No.:

08/833,657

Examiner: P. Tran

Filed:

April 8, 1997

For:

METHOD AND APPARATUS FOR ) **CURRENCY DISCRIMINATION** 

AND AUTHENTICATOR

Attorney Docket No.: CUM

AMENDMENT AND RESPONSE TO **OFFICE ACTION DATED JULY 7, 1998** 

Assistant Commissioner for **Patents** 

Washington, D.C. 20231

Sir:

CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. on the date indicated below:

In response to the Office Action mailed July 7, 1998, please amend this application as follows:

## **IN THE CLAIMS:**

Please amend claims 1, 16, 18, 20 and 24; and add new claim 45 as follows:

1. (Amended) A currency authenticator having a plurality of sensitivity settings

comprising: 10/07/1998 ANDHANNE 00000056 08833657

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a first characteristic detector retrieving first characteristic information from a bill to be authenticated and generating [an] a corresponding output signal;

means for selecting one of a plurality of sensitivity settings;

means for storing reference information associated with each of said sensitivity settings; and

means for comparing said output signal to said reference information associated with the one of said plurality of sensitivity settings selected by said means for selecting; and means